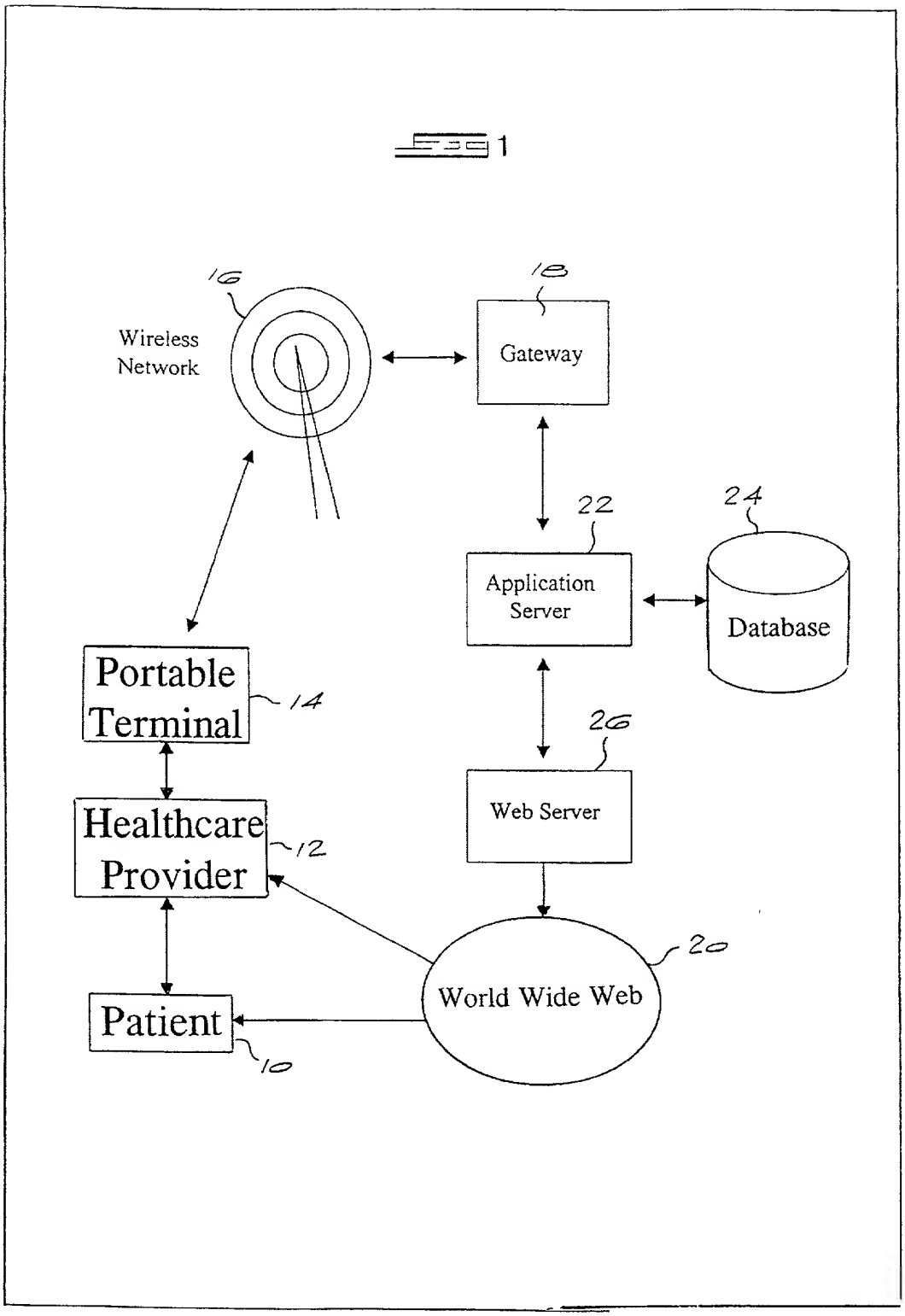


Fig. 1
16
Wireless Network
18
Gateway
22
Application Server
24
Database
Portable Terminal
14
26
Web Server
Healthcare Provider
12
20
World Wide Web
Patient
10

Fig 2

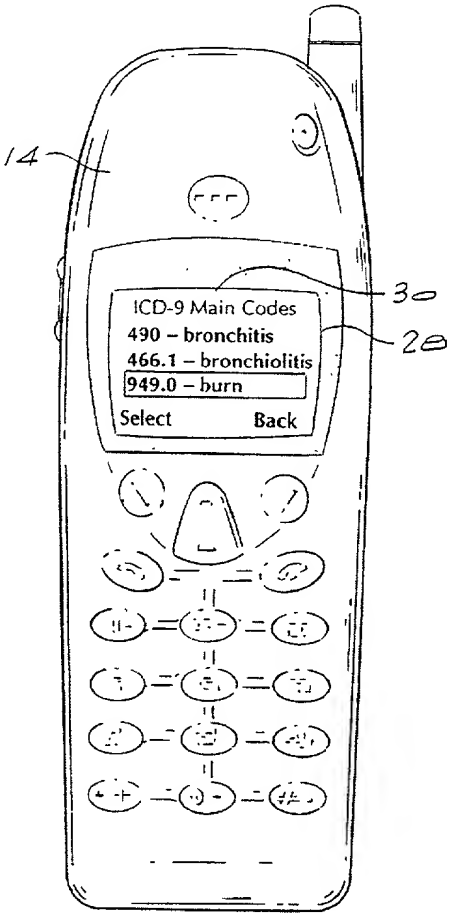
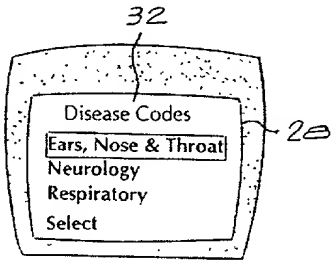

14
30
20
ICD-9 Main Codes
490 – bronchitis
466.1 – bronchiolitis
949.0 – burn
Select
Back

Fig 3


32
20
Disease Codes
Ears, Nose & Throat
Neurology
Respiratory
Select

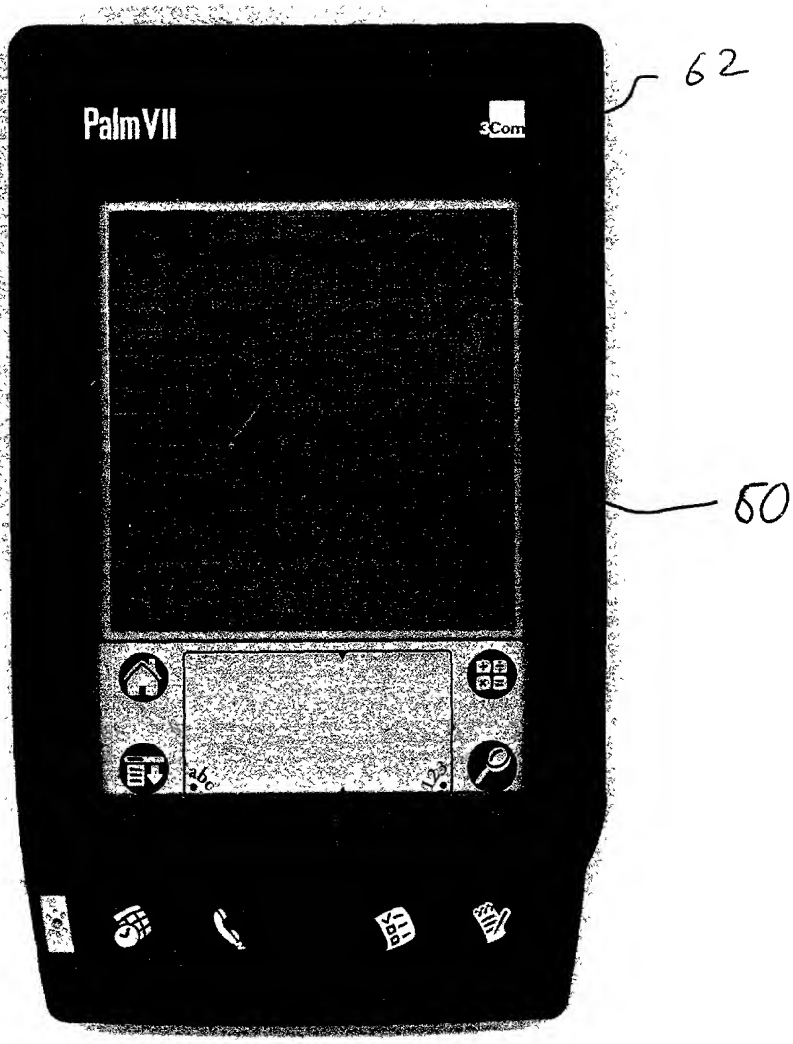



FIGURE 4A

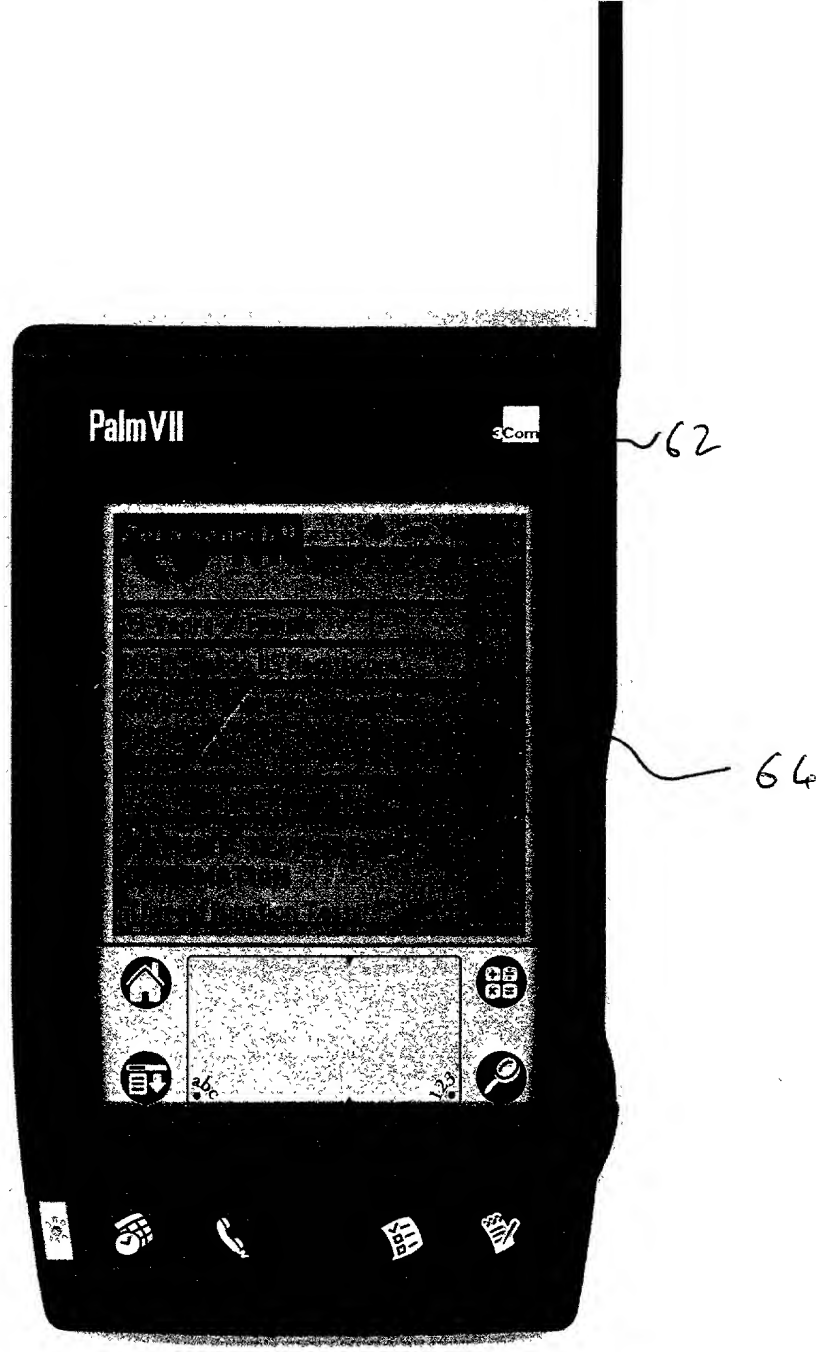



FIGURE 4B

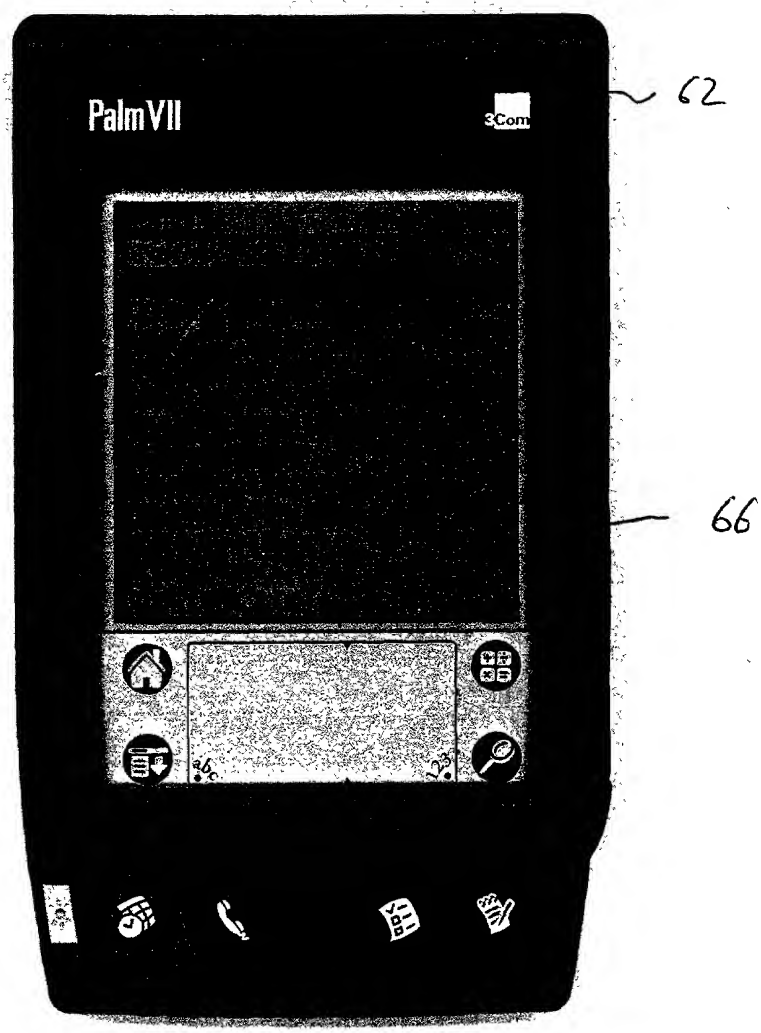



FIGURE 4C

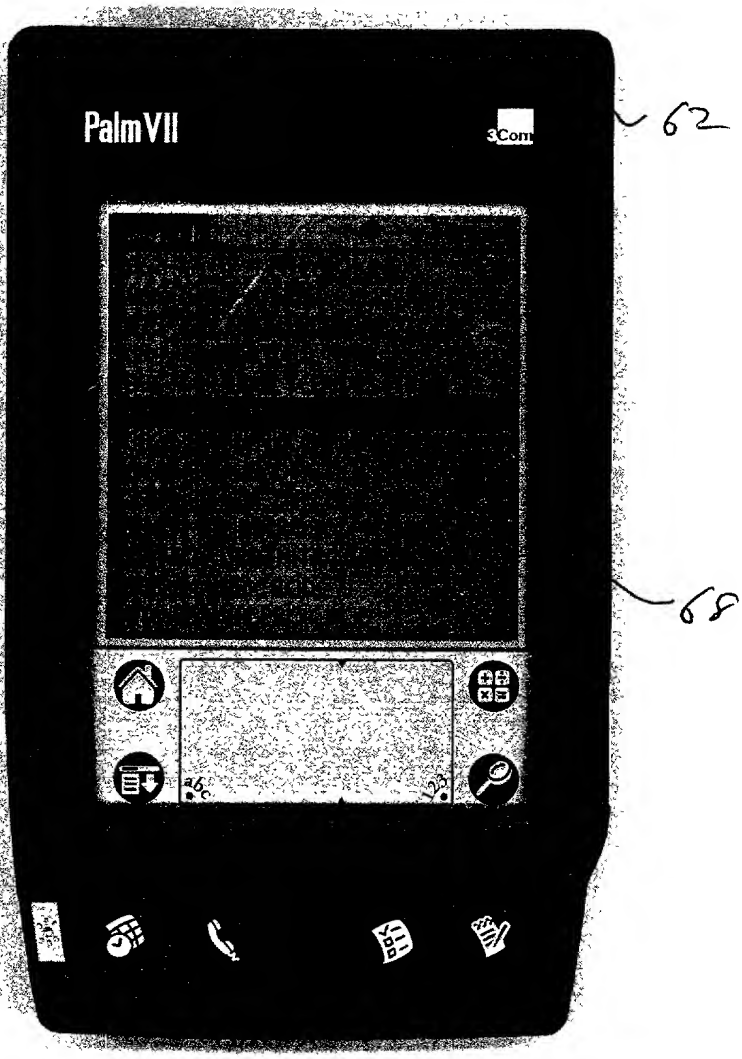
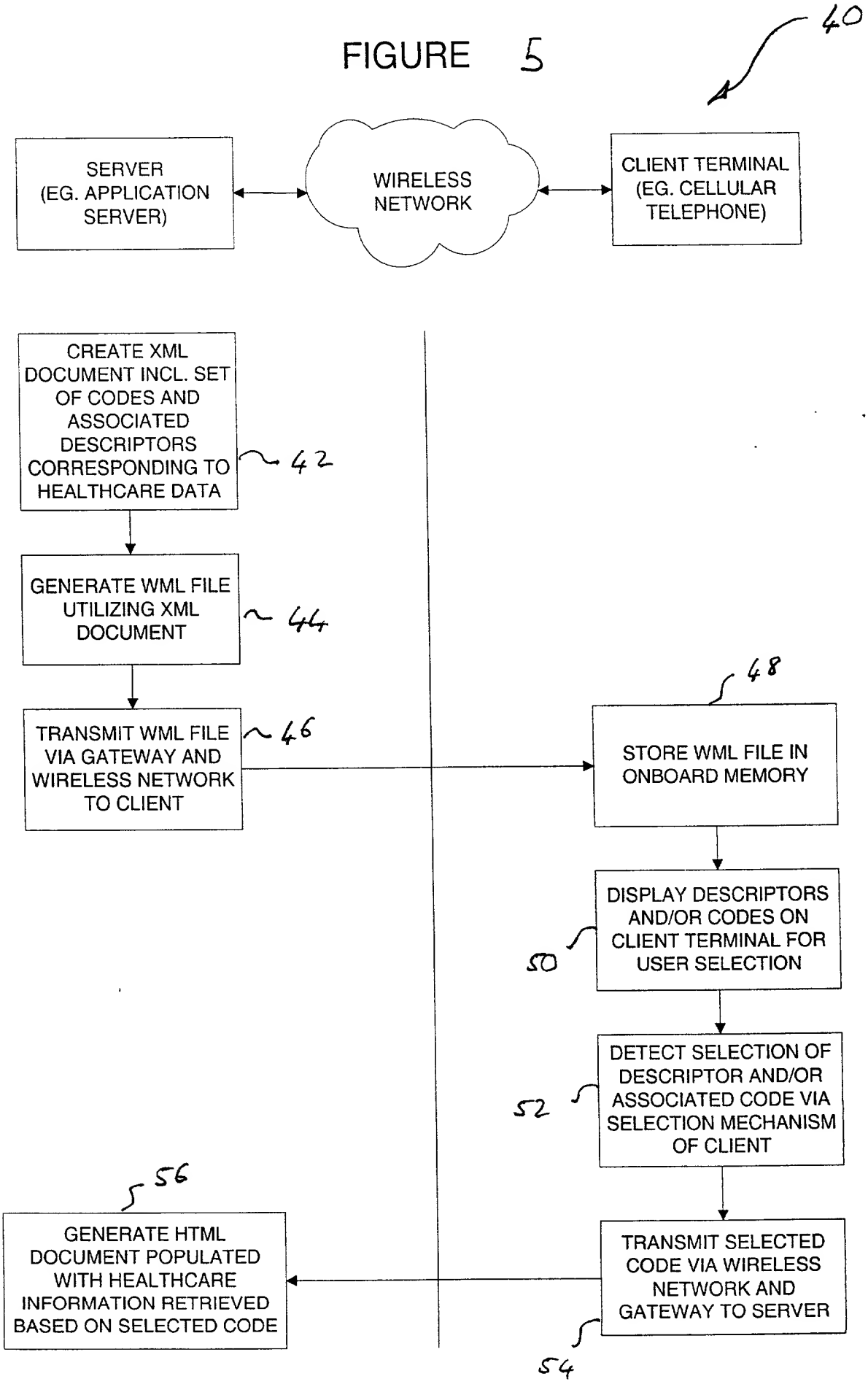



FIGURE 4D

FIGURE 5


40
SERVER (EG. APPLICATION SERVER)
WIRELESS NETWORK
CLIENT TERMINAL (EG. CELLULAR TELEPHONE)
CREATE XML DOCUMENT INCL. SET OF CODES AND ASSOCIATED DESCRIPTORS CORRESPONDING TO HEALTHCARE DATA
42
GENERATE WML FILE UTILIZING XML DOCUMENT
44
TRANSMIT WML FILE VIA GATEWAY AND WIRELESS NETWORK TO CLIENT
46
48
STORE WML FILE IN ONBOARD MEMORY
DISPLAY DESCRIPTORS AND/OR CODES ON CLIENT TERMINAL FOR USER SELECTION
50
DETECT SELECTION OF DESCRIPTOR AND/OR ASSOCIATED CODE VIA SELECTION MECHANISM OF CLIENT
52
TRANSMIT SELECTED CODE VIA WIRELESS NETWORK AND GATEWAY TO SERVER
54
56
GENERATE HTML DOCUMENT POPULATED WITH HEALTHCARE INFORMATION RETRIEVED BASED ON SELECTED CODE